

C7C



0321.67683 PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Noriya Kobayashi
Serial No.: 09/490,354
Patent No.: 7,093,130
Conf. No.: 7055
Filed: 1/24/2000
Issued: 8/15/2006
For: SYSTEM & METHOD FOR
DELIVERING & EXAMINING
DIGITAL TICKETS
Art Unit: 2132
Examiner: Zand, Kambiz

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

3-29-07

Date

ai t. R

Registration No. 43,874

Attorney for Applicant(s)

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 322

Attn: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. 1.322, patentees, through their attorneys, respectfully request that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of mistakes on the part of the Patent and Trademark Office and the changes include the following:

Certificate
APR 05 2007
of Correction

APR 05 2007

In The Issued Patent:

Under References Cited, U.S. Patent Documents, before “5,629,980 ”, please insert --5,557,518 A* 9/1996 Rosen-- (PTO Form 892, February 27, 2004)

Under References Cited, U.S. Patent Documents, after “2002/0116616”, please insert --2002/0095383 A1* 7/2002 Mengin et al.-- (PTO Form 892, February 27, 2004)

Column 20, line 17, between “method” and “first” please insert the following:
--system and ticket of the present invention are secure, and just how everything "comes together" to offer all the many benefits enumerated in section 1.

Consider things from this viewpoint: The computer of the ticket consumer is producing something -- the one-way function, or hash, of an (essentially) random number initially known only to itself -- that the ticket provider's computer cannot produce -- at least initially at a time before ticket redemption. The ticket provider's computer could produce this one-way hash function if only it had the random number, but initially it does not have this number.

The computer of the ticket producer, receiving across the network the one-way hash function from the consumer's computer where it was produced, proceeds to produce something -- a signed digital signature -- that the consumer's computer cannot produce. The

consumer's computer might be able to do this signing procedure itself if it but had the secret signature key of the producer's computer; but it does not.

Note immediately that a party intercepting some, or all, communications traffic on the network concerning the digital ticket is still unable to determine either (i) the random number of the computer of the ticket consumer (R , in the preceding sections) or (ii) the signature key (s , in the preceding sections), of the ticket producer's computer.

The consumer's computer, receiving across the network from the producer's computer its own (previously transmitted) one-way hash function now signed, simply appends the original random number, and stores the composite away as the digital ticket.

When the ticket is redeemed then, for the first time ever, either the producer's computer or, more likely, a gate keeper's computer in privity of relationship with the producer's computer at least as regards how to decrypt the digital signature of the producer's computer, will immediately have access to -- for the-- (Specification, page 37 in its entirety)

Column 24, line 19, please delete " $R_{2\text{even}R}$ ", and insert $--R_{2\text{even}R_1}--$ therefor.
(Specification page 45, line 22)

Column 25, line 63, delete " $\forall C : R_i$ ", and insert $--\exists C : R_i--$ therefor.
(Specification, page 45, line 22)

Column 35, line 57, after “fourth-calculated”, please delete “Sign (s, I” and insert --Sign (s, I ||-- therefor. (Amendment C, August 29, 2005, Page 22, line 2 (claim 29, line 18))

APR 05 2007

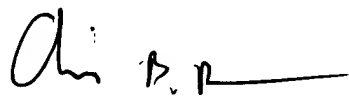
REMARKS

A Certificate of Correction incorporating the delineated change is enclosed in duplicate herewith. Since the mistake was on the part of the Patent and Trademark Office, a Certificate of Correction should be issued without expense to the patentee and such is respectfully requested.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



Arik B. Ranson

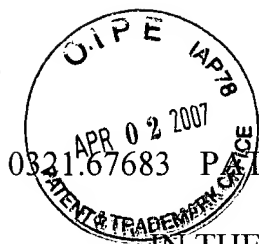
Registration No. 43,874

Customer No. 24978

March 29, 2007

300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315

APR 05 2007



0321.67683 PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Noriya Kobayashi
Serial No.: 09/490,354
Patent No.: 7,093,130
Conf. No.: 7055
Filed: 1/24/2000
Issued: 8/15/2006
For: SYSTEM & METHOD FOR
DELIVERING & EXAMINING
DIGITAL TICKETS
Art Unit: 2132
Examiner: Zand, Kambiz

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

3-29-07

Date

ai t. R

Registration No. 43,874

Attorney for Applicant(s)

COPY

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 322

Attn: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. 1.322, patentees, through their attorneys, respectfully request that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of mistakes on the part of the Patent and Trademark Office and the changes include the following:

APR 05 2007

In The Issued Patent:

Under References Cited, U.S. Patent Documents, before "5,629,980 ", please insert --5,557,518 A* 9/1996 Rosen--. (PTO Form 892, February 27, 2004)

Under References Cited, U.S. Patent Documents, after "2002/0116616", please insert --2002/0095383 A1* 7/2002 Mengin et al.--. (PTO Form 892, February 27, 2004)

Column 20, line 17, between "method" and "first" please insert the following:
--system and ticket of the present invention are secure, and just how everything "comes together" to offer all the many benefits enumerated in section 1.

Consider things from this viewpoint: The computer of the ticket consumer is producing something -- the one-way function, or hash, of an (essentially) random number initially known only to itself -- that the ticket provider's computer cannot produce -- at least initially at a time before ticket redemption. The ticket provider's computer could produce this one-way hash function if only it had the random number, but initially it does not have this number.

The computer of the ticket producer, receiving across the network the one- way hash function from the consumer's computer where it was produced, proceeds to produce something -- a signed digital signature -- that the consumer's computer cannot produce. The

consumer's computer might be able to do this signing procedure itself if it but had the secret signature key of the producer's computer; but it does not.

Note immediately that a party intercepting some, or all, communications traffic on the network concerning the digital ticket is still unable to determine either (i) the random number of the computer of the ticket consumer (R , in the preceding sections) or (ii) the signature key (s , in the preceding sections), of the ticket producer's computer.

The consumer's computer, receiving across the network from the producer's computer its own (previously transmitted) one-way hash function now signed, simply appends the original random number, and stores the composite away as the digital ticket.

When the ticket is redeemed then, for the first time ever, either the producer's computer or, more likely, a gate keeper's computer in privity of relationship with the producer's computer at least as regards how to decrypt the digital signature of the producer's computer, will immediately have access to -- for the-- (Specification, page 37 in its entirety)

Column 24, line 19, please delete " $R_{2\text{even}R}$ ", and insert $--R_{2\text{even}R_1}--$ therefor.
(Specification page 45, line 22)

Column 25, line 63, delete " $\forall C : R_i$ ", and insert $--\exists C : R_i--$ therefor.
(Specification, page 45, line 22)

Column 35, line 57, after “fourth-calculated”, please delete “Sign (s, I” and insert --Sign (s, I || -- therefor. (Amendment C, August 29, 2005, Page 22, line 2 (claim 29, line 18))

APR 05 2007

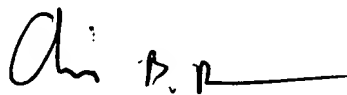
REMARKS

A Certificate of Correction incorporating the delineated change is enclosed in duplicate herewith. Since the mistake was on the part of the Patent and Trademark Office, a Certificate of Correction should be issued without expense to the patentee and such is respectfully requested.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



Arik B. Ranson

Registration No. 43,874

Customer No. 24978

March 29, 2007

300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: (312) 360-0080
Facsimile: (312) 360-9315

APR 05 2007

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,093,130
DATED : Aug. 15, 2006
INVENTOR(S) : Kobayashi et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Issued Patent:

Under References Cited, U.S. Patent Documents, before "5,629,980 ", please insert --5,557,518 A* 9/1996 Rosen--.

Under References Cited, U.S. Patent Documents, after "2002/0116616", please insert --2002/0095383 A1* 7/2002 Mengin et al.--.

MAILING ADDRESS OF SENDER:

Steven P. Fallon
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, 25th Floor
Chicago, IL 60606

Page 1 of 3

No. of additional copies 1

PATENT NO 7,093,130



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

APR 05 2007

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,093,130
DATED : Aug. 15, 2006
INVENTOR(S) : Kobayashi et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Issued Patent:

Column 20, line 17, between "method" and "first" please insert the following: --system and ticket of the present invention are secure, and just how everything "comes together" to offer all the many benefits enumerated in section 1.

Consider things from this viewpoint: The computer of the ticket consumer is producing something -- the one-way function, or hash, of an (essentially) random number initially known only to itself -- that the ticket provider's computer cannot produce -- at least initially at a time before ticket redemption. The ticket provider's computer could produce this one-way hash function if only it had the random number, but initially it does not have this number.

The computer of the ticket producer, receiving across the network the one-way hash function from the consumer's computer where it was produced, proceeds to produce something -- a signed digital signature -- that the consumer's computer cannot produce. The consumer's computer might be able to do this signing procedure itself if it but had the secret signature key of the producer's computer; but it does not.

Note immediately that a party intercepting some, or all, communications traffic on the network concerning the digital ticket is still unable to determine either (i) the random number of the computer of the ticket consumer (**R**, in the preceding sections) or (ii) the signature key (**s**, in the preceding sections), of the ticket producer's computer.

The consumer's computer, receiving across the network from the producer's computer its own (previously transmitted) one-way hash function now signed, simply appends the original random number, and stores the composite away as the digital ticket.

When the ticket is redeemed then, for the first time ever, either the producer's computer or, more likely, a gate keeper's computer in privity of relationship with the producer's computer at least as regards how to decrypt the digital signature of the producer's computer, will immediately have access to -- for the--.

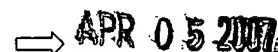
MAILING ADDRESS OF SENDER:

PATENT NO 7,093,130.

Steven P. Fallon
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, 25th Floor
Chicago, IL 60606

Page 2 of 3

No. of additional copies 1



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,093,130
DATED : Aug. 15, 2006
INVENTOR(S) : Kobayashi et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Issued Patent:

Column 24, line 19, please delete "R₂evenR", and insert --R₂evenR₁--
therefor.

Column 25, line 63, delete " $\forall C : R_i$ ", and insert -- $\exists C : R_i$ -- therefor.

Column 35, line 57, after "fourth-calculated", please delete "Sign (s, I" and
insert --Sign (s, I ||-- therefor.

MAILING ADDRESS OF SENDER:

Steven P. Fallon
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, 25th Floor
Chicago, IL 60606

Page 3 of 3

No. of additional copies 1

PATENT NO 7,093,130

APR 05 2007



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

COPY

PTO/SB/44 (02-01)

Approved for use through 01/31/2004. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,093,130
DATED : Aug. 15, 2006
INVENTOR(S) : Kobayashi et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Issued Patent:

Under References Cited, U.S. Patent Documents, before "5,629,980 ", please insert --5,557,518 A* 9/1996 Rosen--.

Under References Cited, U.S. Patent Documents, after "2002/0116616", please insert --2002/0095383 A1* 7/2002 Mengin et al.--.

MAILING ADDRESS OF SENDER:

Steven P. Fallon
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, 25th Floor
Chicago, IL 60606

Page 1 of 3

No. of additional copies1

PATENT NO 7,093,130.

Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

APR 05 2007

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,093,130
DATED : Aug. 15, 2006
INVENTOR(S) : Kobayashi et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Issued Patent:

Column 20, line 17, between "method" and "first" please insert the following: --system and ticket of the present invention are secure, and just how everything "comes together" to offer all the many benefits enumerated in section 1.

Consider things from this viewpoint: The computer of the ticket consumer is producing something -- the one-way function, or hash, of an (essentially) random number initially known only to itself -- that the ticket provider's computer cannot produce -- at least initially at a time before ticket redemption. The ticket provider's computer could produce this one-way hash function if only it had the random number, but initially it does not have this number.

The computer of the ticket producer, receiving across the network the one-way hash function from the consumer's computer where it was produced, proceeds to produce something -- a signed digital signature -- that the consumer's computer cannot produce. The consumer's computer might be able to do this signing procedure itself if it but had the secret signature key of the producer's computer; but it does not.

Note immediately that a party intercepting some, or all, communications traffic on the network concerning the digital ticket is still unable to determine either (i) the random number of the computer of the ticket consumer (**R**, in the preceding sections) or (ii) the signature key (**s**, in the preceding sections), of the ticket producer's computer.

The consumer's computer, receiving across the network from the producer's computer its own (previously transmitted) one-way hash function now signed, simply appends the original random number, and stores the composite away as the digital ticket.

When the ticket is redeemed then, for the first time ever, either the producer's computer or, more likely, a gate keeper's computer in privity of relationship with the producer's computer at least as regards how to decrypt the digital signature of the producer's computer, will immediately have access to -- for the--.

MAILING ADDRESS OF SENDER:

Steven P. Fallon
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, 25th Floor
Chicago, IL 60606

Page 2 of 3

No. of additional copies 1

PATENT NO 7,093,130

APR 05 2007



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,093,130
DATED : Aug. 15, 2006
INVENTOR(S) : Kobayashi et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Issued Patent:

Column 24, line 19, please delete "R₂evenR", and insert --R₂evenR₁--
therefor.

Column 25, line 63, delete " $\forall C : R_i$ ", and insert -- $\exists C : R_i$ -- therefor.

Column 35, line 57, after "fourth-calculated", please delete "Sign (s, I" and
insert --Sign (s, I ||-- therefor.

MAILING ADDRESS OF SENDER:

Steven P. Fallon
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, 25th Floor
Chicago, IL 60606

Page 3 of 3

No. of additional copies 1

PATENT NO 7,093,130



APR 05 2007

Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.